## INDEX TO

# The Journal of MEDICAL EDUCATION

**VOLUME 42** • 1967

For easier reference, the following list keys page numbers to month of issue. (Supplements are paginated individually.)

January	1- 96	July	633-728
February	97-192	August	729-808
March	193-288	September	809-904
April	289-384	October	905-984
May	385-480	November	985-1070
June	481-632	December	1071-1166

## Staff of The Journal of Medical Education

JOHN A. D. COOPER, Editor

ROSEMARIE DALEY HENSEL, Managing Editor

CAROL A. SPEARS, Assistant Editor

LEAH SIMON, Editorial Assistant

JOHN L. CRANER, Business Manager

## **Author Index**

Abrahamson, S. See Johnson, P. C., 869
—. See Manning, P. R. et al., 871

Ackerman, G. A., and Wismar, B. L. A Correlative Approach to Examinations in Microscopic Anatomy (Communication), 78

Adams, W. R., Ham, T. H., Mawardi, B. H., Scali, H. A., and Weisman, R., Jr. Participation of Clinicians in a Study of Teaching (Abstract), 274

Alpert, S. See DuVal, M. K., Aug., Part 2 Anderson, R. E. See McConnell, T. S., 1127 Andrews, E. C., Jr. See Luginbuhl, W. H.,

Arnhoff, F. N., Shriver, B. M., and Van Matre, R. M. Subsequent Career Activities of National Institute of Mental Health Trainees in Psychiatry, 855

Ballinger, W. F., II. See Zimmerman, J. M. et al., 878

Barbee, R. A., and Feldman, S. The Relationship of Student Performance in the Medical Interview to Clinical Training and Academic Achievement (Abstract), 880

—. Feldman, S., and Chosy, L. W. The Quantitative Evaluation of Student Performance in the Medical Interview, 238

—. Feldman, S., and Chosy, L. W. The Quantitative Evaluation of Student Performance in the Medical Interview (Abstract), 261

Barrett, B. See Derbyshire, R. L., 868

Barrington, B. R. See Rodin, A. E. et al., 869

Bartlett, J. W. Medical School and Career Performances of Medical Students with Low Medical College Admission Test Scores, 231

Medical School and Career Performances of Medical Students with Low Medical College Admission Test Scores (Abstract), 260

Baum, J. H., and Koushanpour, E. Establishment and Organization of a Multidisciplinary Laboratory, 752

Beaumont, G., Feigal, D., Magraw, R. M., DeFoe, E. C., and Carey, J. B., Jr. Medical Auditing in a Comprehensive Clinic Program, 359

Beckett, P. G. S. See Grisell, J. L. et al.,

Beiser, H. R. Personality Factors Influencing Medical School Achievement: A Follow-Up Study, 1087

Bennett, I. C. See Romano, M. T., 841

Bergman, A. B., Probstfield, J. L., and Wedgwood, R. J. Performance Analysis in Pediatric Practice: Preliminary Report, 249

—. Probstfield, J. L., and Wedgwood, R. J. Performance Analysis in Pediatric Practice: Preliminary Report (Abstract), 262

Berson, R. C. Report of the Executive Director, 555

Best, W. R., Diekema, A. J., and Fisher, L. A. Explorations in Discriminant Function Analysis as an Aid to Admissions Committees (Abstract), 276

Bing, R. J. Why Change the Medical Curriculum? (Editorial), 883

Blayney, K. D. A National Study of Directors of Medical Education, 660

Bond, D. D. The Impact of Medicare (Editorial), 460

Bonnet, P. D. The Impact of Medicare and Other Federal Health Legislation on U.S. Teaching Hospitals, 385

Bowers, R. C. Medical Education in the Congo: Some Factors in the Use of Nonindigenous Faculty, 494

Bowers, W. F., and O'Connor, R. A. The Community Hospital Affiliation Program of the New York Medical College, 153

Boyle, J. B. See Weil, T. P. et al., 757

Brophy, J. J. See Paltrow, K. G., 72

Brown, C. S. See Weitman, M. et al., 278
 Brown, J. H. U., and Stone, F. L. Manpower in the Basic Medical Sciences, 500

Burnap, D. W., and Golden, J. S. Sexual Problems in Medical Practice, 673

Butler, J. J. Physicians' Attitudes Toward a Hospital Program in Medical Education: A Six-Year Study (Abstract), 272

Campbell, C. The Examination Game: That's the Game I'm In (Communication), 974

Cardus, D. Establishing a Biomathematics Program in a Medical School, 1116

Carey, J. B., Jr. See Beaumont, G. et al., 359

Carol, B. Mathematical and Statistical Research into Background of Medical Students and Its Implications (Abstract), 875

Carroll, A. J., and Darley, W. Medical College Costs, 1

Cassell, E. J., Goodrich, C. H., and Olendzki, M. Reorganization of Ambulatory Care: The Analysis of the Existing System (Abstract), 866

- Caughey, J. L., Jr. Nonintellectual Components of Medical Education (Communication), 619
- Chapman, J. E. See Geertsma, R. H., 938
- Chez, R. A., and Hutchinson, D. L. An Audiovisual Tutorial Course in Obstetrics and Gynecology (Abstract [title only]), 878
- Child, C. G., 3rd. Residents, Physicians, and Universities Under Medicare, 392
- Chosy, L. W. See Barbee, R. A. et al., 238

  —. See Barbee, R. A. et al., 261
- Christie, R. V. Medicine and Medical Education in China (Communication), 463
- Clark, F. L., Jr. See Reidy, M. E. et al., 274
  Coggeshall, L. T. The Expansion of Research in the Postwar Period and Its Impact on the University (July, Part 2), 62
- —. Selections from the Coggeshall Report (July, Part 2), 187
- Cohen, B. M. Lung Function Testing in the Education of Practicing Physicians: Factors Influencing Patient Referral to Laboratory Facilities (Abstract), 879
- Collier, H. B. Teaching and Research in the Basic Medical Sciences in the People's Republic of China, 1965 (Communication), 467
- Colton, T., and Peterson, O. L. An Assay of Medical Students' Abilities by Oral Examination, 1005
- —. and Peterson, O. L. Assay of Medical Students' Abilities by Oral Examination: Analysis of Two Years' Experience (Abstract), 865
- Conley, S. S., Jr. See Gottheil, E. et al., 269
- Cooper, J. A. D. A Confusion in Terms (Editorial), 1054
- —. The AAMC Council of Academic Societies (Editorial), 1125
- —. Joint Report of the Editor and the Editorial Board, The Journal of Medical Education, 583
- —. On Medical School Costs and Airplanes (Editorial), 70
- —. The Pressures of Professionalism and the University: The Medical School View (Panel Presentation) (July, Part 2), 112
- —. "White Paper," 1967 (Editorial), 707
  Coppola, E. D., and Gonnella, J. S. Experience with Student-Centered Teaching in a Department of Surgery (Abstract), 873
- Cornelison, F. S., Jr. See Gottheil, E. et al., 269
- Cotsonas, N. J., and Fisher, L. A. The Emotional Climate for Learning: A Study of

- Change Over a Five-Year Interval (Abstract), 276
- Court, J. H., and Mai, F. M. M. A New Teaching Film on Medical Psychology (Letter to the Editor), 708
- Cramer, J. B. Program of Special Seminars in the Preclinical Years (Abstract), 872
- Craner, J. L. Report of the Division of Business Affairs, 562
- Cruikshank, N. H. The Public's Expectations in Changing Health-Care Programs (Communication), 713
- Cummings, M. M. Preface to the Report of the Library Study Committee of the AAMC to the National Library of Medicine (Aug., Part 2), v
- Darley, W. The National Medical Establishment, the University, and the Inevitables in Their Future (July, Part 2), 164
- —. See Carroll, A. J., 1
  Davis, M. S. Attitudinal and Behavioral Aspects of the Doctor-Patient Relationship as Expressed and Exhibited by Medical Students and Their Mentors (Abstract),
- DeFoe, E. C. See Beaumont, G. et al., 359 De Hesse, C., and Fish, D. G. The Two Scientists: A Study of the Careers of Scientists in Industry and in Academic Research Settings (Abstract), 881
- Dennis, D. A. See Levan, N. E. et al., 868

  —. See Manning, P. R. et al., 871
- Denton, J. C. See Ford, A. B. et al., 872 Derbyshire, R. L., and Barrett, B. Small Groups: A Technique for Teaching Patient-Physician Interaction (Abstract), 868
- Diekema, A. J. See Best, W. R. et al., 276 DuVal, M. K., and Alpert, S. (Eds.). The Health Sciences Library: Its Role in Education for the Health Professions. Report of the Library Study Committee of the AAMC to the National Library of Medicine, Aug., Part 2
- Earley, L. W., and Von Mering, O. The Use of Patients with Diffuse Complaints for Training Medical Students in the Design and Conduct of Cross-Disciplinary Research (Abstract), 263
- Eaton, M. T., Jr. See Peterson, M. H., 874 Ebert, R. H. The Role of the Medical School in Planning the Health-Care System, 481
- Egeberg, R. O. The Effect of the Changing Environment of Health Care on Educational Programs (Communication), 971
- Eisenhower, M. S. An Arch Upon These Pillars (July, Part 2), 11
- Elrick, H. The Clinical Education of the Medical Student, 453

Evans, L. R. See Green, E. W. et al., 272

—. See Green, E. W. et al., 345

Fass, M. L. See Williams, J. S., 865Feagans, W. M. See Schweisthal, M. R., et al., 1059

Feigal, D. See Beaumont, G. et al., 359 Feldman, S. See Barbee, R. A. et al., 238

See Barbee, R. A. et al., 261
See Barbee, R. A., 880

Fenderson, D. A. The Teaching of Rehabilitation Medicine in American Medical Colleges, 430

Fish, D. G. See de Hesse, C., 881
——. See Kieferle, H. J., 881

Fisher, L. A. See Best, W. R. et al., 276

—. See Cotsonas, N. J., 276

Fleisher, D. S. Composition of Small Learning Groups in Medical Education (Abstract), 882

Ford, A. B., Liske, R. E., Ort, R. S., and Denton, J. C. The Background and Professional Education of Practicing Physicians (Abstract), 872

Fredericks, M. A., and Mundy, P. The Relationship Between Social Class, Average Grade in College, Medical College Admission Test Scores, and Academic Achievement of Students in a Medical School, 126

—. and Mundy, P. The Relationship Between Social Class, Stress-Anxiety Responses, Academic Achievement, and the Internalization of Professional Attitudes of Students in a Medical School, 1023

Funkenstein, D. H. Letter to the Editor, 783 Furnas, C. C. Restructuring the Health Services Center at State University of New York at Buffalo (July, Part 2), 205

Gagan, J. F. See Haley, H. B., 878

Gaitonde, M. R., and Geertsma, R. H. Psychiatric Clerkship in Retrospect: Students' Viewpoint (Abstract), 875

Garcia, E. N., Hull, E. W., Ibsen, K. H., and Paseman, F. Effectiveness of Programmed Instruction in the Biochemistry Laboratory Program (Abstract), 277

Gee, D. A. Use of a Labor Union Group in a Medical Education Program, 54

Geertsma, R. H. A Student-Oriented Learning Center in the Biomedical Sciences, 681
—. and Chapman, J. E. The Evaluation

of Medical Students, 938

—. See Gaitonde, M. R., 875

Geis, G. L. See Weller, J. M., 697

Gerber, A. The Medical Manpower Shortage, 306

Gildenberg, R. F. Student Retention of a Programmed Instruction Course in Immunohematology, 62

Golden, J. S., Marchionne, A. M., and Silver, R. J. Fifty Medical Students: A Comparison with "Normals," 146

---. See Burnap, D. W., 673

Gonnella, J. S. See Coppola, E. D., 873 Goodrich, C. H. See Cassell, E. J., 866

Gottheil, E., Cornelison, F. S., Jr., and Conley, S. S., Jr. The Medical Student and His College Environment (Abstract), 269

Gough, H. G. Nonintellectual Factors in the Selection and Evaluation of Medical Students, 642

Graves, G. O., and Ingersoll, R. W. Homogeneous Small Group Performance in Anatomy (Abstract), 277

Green, E. W., Evans, L. R., and Ingersoll, R. W. The Reactions of Students in the Oral Examination, 345

—. Evans, L. R., and Ingersoll, R. W. The Reactions of Students in the Oral Examination (Abstract), 272

Greene, J. A., Jr. See Weller, J. M., 697
Grisell, J. L., Beckett, P. G. S., and Gudobba, R. Teaching Diagnostic Strategies with a Computer (Abstract), 275

Grulee, C. G., Jr. Report of the Nominating Committee, 592

Gudobba, R. See Grisell, J. L. et al., 275

Haley, H. B. Pretesting and Repeat Testing as Tools in Teaching (Abstract), 266

—. Juan, I. R., and Gagan, J. F. Factor-Analytic Approach to Attitude Scale Construction (Abstract), 878

Haley, J. V., and Lerner, M. J. The Dimensionality of Grades for the First Two Years of Medical School (Abstract), 273
See Lerner, M. J., 272

Ham, T. H. See Adams, W. R. et al., 274

Handler, P. A Time of Transition (July, Part 2), 37

Hansen, R. H. See Meyer, T. C. et al., 274
Harless, W. G. The Development of a Computer-Assisted Instruction Program in a Medical Center Environment, 139

Haseeb, M. A. Medical Education in the Sudan, 666

Hawkridge, D. G., and Mitchell, D. S. The Use of a Programmed Text During a Course in Genetics for Medical Students, 163

Hayden, J., Jr., Husek, T. R., and Sirotnik, K. An Initial Evaluation of Animated Serial Sections as an Instructional Method for Facilitating Three-Dimensional Awareness of Anatomic Regions, 447 Heard, A. The Tyranny of the Ideal (July, Part 2), 49

Helfer, R. E. Estimating the Quality of Patient Care in a Pediatric Emergency Room, 244

. Estimating the Quality of Patient Care in a Pediatric Emergency Room (Abstract), 261

—. and Levin, S. The Use of Videotape in Teaching Clinical Pediatrics (Abstract), 867

Helwig, F. Evaluation of a Clinical Pediatric Clerkship: The Role of the Lecture in a Clinical Discipline (Abstract), 272

Hepner, J. O. Financial Support of Hospital Programs for Graduate Medical Education (Abstract), 271

Hershey, N. The Dean Needs Help, 134 Hertel, R. See Holmes, D. J., 269

Hirt, M., Kurtz, R. M., Nicholas, J., Ter-lesky, J., and Ross, W. D. Development and Application of a Technique to Determine the Effects of Medical Education on Students' Attitudes, 1120

Holm, D. S., Jr. See Weil, T. P., 757

Holmes, D. J., and Hertel, R. Predictions of GPA from Application Biographies (Abstract), 269

Howard, R. B. Report of the Treasurer, 559 . See Hubbard, W. N., Jr., 633

Howell, M. A., and Vincent, J. W. The Medical College Admission Test as Related to Achievement Tests and to Supervisory Evaluations of Clinical Physicians, 1037

Hubbard, W. N., Jr. The Alan Gregg Memorial Lecturer—Colin M. MacLeod, 988

Janus Revisited, 1071

The Pressures of Professionalism and the University: The Medical School View (Panel Presentation) (July, Part 2), 113

. and Howard, R. B. The Educational Environment in the Large Medical School,

Hull, E. W. See Garcia, E. N. et al., 277 Hunter, T. H., and Hyde, H. van Z. Joint Report of the Committee on International Relations in Medical Education and the Division of International Medical Education, 576

Husek, T. R. See Hayden, J., Jr., 447

Hutchins, E. B., Reitman, J. B., and Klaub, D. Minorities, Manpower, and Medicine, 809

Hutchinson, D. L. See Chez, R. A., 876 Hyde, H. van Z. See Hunter, T. H., 576

Ibsen, K. H. See Garcia, E. N. et al., 277 Ingersoll, R. W. See Graves, G. O., 277 ---. See Green, E. W. et al., 272

- See Green, E. W. et al., 345 -. See Knopp, W., 877

Jacobson, E. D. Revolution in the Medical Curriculum, 1081

Jacobson, L. O. The Abraham Flexner Award to Stanley E. Dorst, 985

Jacobson, M. D. See Woods, B. T. et al., 225 -. See Woods, B. T. et al., 259

Jacobson, W. E. See Kern, H. M., Jr., 963 Johnson, D. G. Report of the Committee on

Student Affairs, 590 Johnson, E. W. See Knopp, W., 877

Johnson, L. W., Jr. History of the Education of Negro Physicians, 439

Johnson, P. C., and Abrahamson, S. The Effect of Grades and Examinations on Self-Directed Learning (Abstract), 869

Juan, I. R. See Haley, H. B. 878

Kausch, D. F. Attitudes of Medical Students and Graduate Students Toward Emotional Illness and Psychiatric Practice, 207

—. Attitudes of Medical Students and Graduate Students Toward Emotional Illness and Psychiatric Practice (Abstract),

Keliher, J. J. See Meyer, T. C. et al., 274

Kern, H. M., Jr., and Jacobson, W. E. Training in Community Psychiatry (Editorial), 963

Khanna, J. L. See Struening, E. L. et al.,

Kieferle, H. J., and Fish, D. G. The Costs and Benefits of Medical Education in Canadian Teaching Hospitals: A Case Study (Abstract), 881

King, T. C., Maxwell, J. G., Richards, R. C., Stevens, L. E., and Reemtsma, K. Research in Undergraduate Surgical Education: Innovation and Evaluation (Abstract), 872

-. See McCarthy, W. H., 874 -. See Sanazaro, P. J., 289

Klaub, D. See Hutchins, E. B. et al., 809

Knight, D. M. The Pressures of Professionalism and the University: The Medical School View (Panel Presentation) (July, Part 2), 115

The University in American Society (July, Part 2), 3

-. and Nourse, E. S. (Eds.). Medical Ventures and the University: New Values and New Validities. Report of the Thirteenth AAMC Institute; Third Institute on Administration-1965, July, Part 2

Knopp, W., Johnson, E. W., and Ingersoll, R. W. Planning and Executing a Course in Human Behavior and Human Relations for First-Year Medical Students (Abstract), 877

Korman, M., Stubblefield, R. L., and Martin, L. W. Patterns of Success in Medical School and Their Correlates (Abstract), 876

Koushanpour, E. See Baum, J. H., 752

Kozusznik, B. The Teaching of Social Medicine and Training in the Management of Health-Care Services in Poland (Communication), 81

Kritzer, H., and Langsley, D. G. Training for Emergency Psychiatric Services, 1111
—. and Zimet, C. N. A Retrospective View of Medical Specialty Choice, 47

Kurtz, R. M. See Hirt, M. et al., 1120

Lair, C. V. See Zimny, G. H., 263 Lancaster, R. C. See Lief, H. I. et al., 270 Langsley, D. G. See Kritzer, H., 1111

 Lazaro, E. J., and Malfitan, R. Student
 Evaluation — A Critical Analysis of a Planned Study (Abstract), 270

Leake, C. D. The Educational Value of Discussions on the History of the Health Professions (*Editorial*), 706

Lepawsky, A. Medical Science and Political Science, 905

Lerner, M. J., and Haley, J. V. Changes in Medical Students During Their Course of Education (Abstract), 272

See Haley, J. V., 273
 Levan, N. E., Steffen, C. G., and Dennis,
 D. A. An Experimental Study of Verbal and Visual Cues in Testing Student Achievement in Dermatology (Abstract), 868

Levin, S. See Helfer, R., 867

Levine, H. G., and McGuire, C. Role Playing as an Evaluative Technique in a Certifying Examination (Abstract), 264

— and Noak, J. R. The Validity and Reliability of Oral Simulations as Evaluation Techniques (Abstract), 882

Levit, E. J. Use of the National Board "Minitest" for Evaluation of Curriculum Change, 930

Levitt, M., and Rubenstein, B. Medical School Faculty Attitudes Toward Applicants and Students with Emotional Problems, 742

Lewis, C. E. An Evaluation of Teachers Evaluating the Teaching of Multidisciplinary Care (Abstract), 870

Lief, H. I., Spruiell, V., and Lancaster, R. C. A Personality Profile of Medical Students (Abstract), 270 Liske, R. E. See Ford, A. B., 872

Littlemeyer, M. H., and Page, R. G. Conference on Preparation for the Study of Medicine (Communication), 965

Luginbuhl, W. H., and Andrews, E. C., Jr. A New Curriculum: Its Evolution, Design, and Implementation, 826

Luria, M. N. See Morgan, W. L., Jr., 267

MacLeod, C. M. Role of Service in the University Tradition (July, Part 2), 78
Magraw, R. M. See Beaumont, G. et al., 359
Mai, F. M. M. See Court, J. H., 709

Malfitan, R. See Lazaro, E. J., 270

Manning, P. R., Abrahamson, S., and Dennis, D. A. Experimental Study Comparing Four Modes of Instruction: Programmed Textbook, Lecture-Demonstration, Textbook, Lecture-Workshop (Abstract), 871

Markowitz, J. See Solkoff, N., 195

—. See Solkoff, N., 256

Marston, R. Q., and Mayer, W. D. The Interdependence of Regional Medical Programs and Continuing Education, 119

—. and Yordy, K. A Nation Starts a Program: Regional Medical Programs, 1965-1966, 17

Martin, L. W. See Korman, M., 876

Mase, D. J. The Role of the Medical Center in the Education of Health Related Personnel, 489

Mawardi, B. H. The Human Element in Medical Education and Medical Education Research (Editorial), 279

—. Research in Medical Education, Foreword to Proceedings of the Fifth Annual Conference on Research in Medical Education, 193

Maxwell, J. G. See King, T. C. et al., 872 May, W. T. See Struening, E. L. et al., 275 Mayer, W. D. See Marston, R. Q., 119

McCarthy, W. H., and King, T. C. Evaluating Patterns of Surgical Clerkship Programs (Abstract), 874

McConnell, T. S., and Anderson, R. E. Instructional Block on Human Cytogenetics (Communication), 1127

McCurdy, R. L. See Thurnblad, R. J., 158 McDonald, E. See Strassman, H. D. et al.,

McGuire, C. See Levine, H. G., 264

McNulty, M. F., Jr. Report of the Council of Teaching Hospitals, 584

Mead, M. Reciprocities Between Domestic and Overseas Health Service Inventions.

Mensh, I. N. Changing Patterns of Medical Education in France, 1101

Merrill, M. H. The Manpower Problem in International Health, 765

Meuser, M. F. See Muslin, H. L. et al., 265 -. See Muslin, H. L. et al., 880

Meyer, T. C., Wasserberger, R. C., Hansen, R. H., and Keliher, J. J. Report of an Experiment in Telephone Conference Teaching of Electrocardiography (Abstract), 274

Miller, G. E. Continuing Education for What?, 321

Miller, J. G. Design for a University Health Sciences Information Center, 404

Miller, J. R. A Genetics Program for Undergraduate Medical Students at the University of British Columbia (Communication), 371

Miller, R. E. The Dean, His Faculty, and the NACOR Report (Editorial), 781

. Millis, J. S. Manpower for Tomorrow's Health Services (Communication), 73

The Pressures of Professionalism and the University: The University View (Panel Presentation) (July, Part 2), 123 A University President's Perspective

(July, Part 2), 157

Mitchell, D. S. See Hawkridge, D. G., 163 Morgan, W. L., Jr., and Luria, M. N. A Trial of the General Clerkship: A Two-Month Experiment in Interdepartmental Teaching (Abstract), 267

Morris, W. W. The MCAT-Science Survey: Interpreting the MCAT Science Subtest Scores of Repeaters, 918

Motto, J. A. Correlates of Medical Student Performance Patterns (Abstract), 265

Mundy, P. See Fredericks, M. A., 126 . See Fredericks, M. A., 1023

Muslin, H. L., Singer, P. R., and Meuser, M. F. Research on Learning of Psychiatric Interviewing (Abstract), 880

. Singer, P. R., and Meuser, M. F. The Teaching and Learning of Psychiatric Skills (Abstract), 265

Netsky, M. G. See Woods, B. T. et al., 225 ... See Woods, B. T. et al., 259

Neuman, G. G. See Rossi, A. M., 849 Nicholas, J. See Hirt, M., et al., 1120

Nies, A. See Strassman, H. D. et al., 201 -. See Strassman, H. D. et al., 256

Noak, J. R. See Levine, H. G., 882

North, A. F., Jr. Learning Clinical Skills Through the Use of Self-Teaching Films (Communication), 177

Nourse, E. S. The Challenge to Administrative Creativity (July, Part 2), 134 . See Knight, D. M., July, Part 2

O'Connor, R. A. See Bowers, W. F., 153 O'Connor, R. W., and O'Connor, T. V. Asian Medical Students and Family Planning: A Study of Knowledge and Attitudes in Thirty-Three Medical Colleges, 949

O'Connor, T. V. See O'Connor, R. W., 949 O'Leary, J. P., Jr. See Palmer, J. D. K. et al., 1096

Olendzki, M. See Cassell, E. J. et al., 866 Opdyke, D. See Shatin, L., 789

Ort, R. S. See Ford, A. B. et al., 872 Overall, J. See Rodin, A. E. et al., 869

Page, R. G. See Littlemeyer, M. H., 965 Palmer, J. D. K., O'Leary, J. P., Jr., and Sterling, H. M. Interfaculty Research-Training Crossover: An Experiment in Medical Education, 1096

Paltrow, K. G., and Brophy, J. J. The Review of Areas: A Simple Way to Take a Comprehensive Medical History (Letter to the Editor), 72

Parker, R. C., Jr., and Tuxill, T. G. The Attitudes of Physicians Toward Small-Community Practice, 327

Parks, J. Report of the Committee on Federal Health Programs, 585

Parrish, H. M. See Weil, T. P., 651 -. See Weil, T. P. et al., 757

Paseman, F. See Garcia, E. N. et al., 277 Perera, G. A. The Primary Physician (Editorial), 370

Peterson, M. H., Eaton, M. T., Jr., and Strider, F. D. Use of Programmed Instruction in Teaching the Defense Mechanisms (Abstract), 874

Peterson, O. L. See Colton, T., 865 -. See Colton, T., 1005

Pflanz, M. Study of 460 Nonaccepted Applicants to German Medical Schools: Fate and Motivations (Abstract), 876

Pollack, S., and Manning, P. R. An Experience in Teaching the Doctor-Patient Relationship to First-Year Medical Students,

Powers, L. Report of the Division of Operational Studies, 566

Probstfield, J. L. See Bergman, A. B. et al.,

-. See Bergman, A. B. et al., 262

Rand, L. M. See Richards, J. M., Jr. et al.,

Rand, L. P. See Richards, J. M., Jr. et al.,

Reemtsma, K. See King, T. C. et al., 872 Reidy, M. E., Clark, F. L., Jr., and Shnider, B. I. An Analysis of Study Skills and Attitudes in Medical School Achievement

(Abstract), 274 Reitman, J. B. See Hutchins, E. B. et al.,

Richards, J. M., Jr., Rand, L. M., and Rand, L. P. A Description of Medical School Environments (Abstract), 273

Richards, R. C. See King, T. C. et al., 872 Riches, E. Changes in the Choice of Medicine as a Career Among Premedical Students at the University of British Columbia, 350

Richmond, J. B., and Sanazaro, P. J. Joint Report of the Committee on Research in Education and the Division of Education, 569

Riffenburgh, R. S., and Strassman, H. D. A Curriculum in Sexual Education for Medical Students, 1031

Rodin, A. E., Barrington, B. R., and Overall, J. Relationship Between Medical Student Attitudes Toward Pathology and Sociocultural Characteristics (Abstract), 869

Romano, M. T., and Bennett, I. C. Concepts and Activities of Medical Center Television at the University of Kentucky, 841

Rosenblith, W. A. Case History of an Interdepartmental Center in a University Without a Medical School (July, Part 2), 98

Ross, W. D. See Hirt, M. et al., 1120

Rossi, A. M., and Neuman, G. G. Evaluation of Faculty Attitudes Toward Patient Orientation in Medical Education and Practice, 849

Rubenstein, B. See Levitt, M., 742

Sampey, J. R. Academic Backgrounds of Nobel Laureates in Medicine and Physiology (Letter to the Editor), 1126

Sanazaro, P. J., and King, T. C. An Exploratory Study of Undergraduate Programs in Surgery, 289

—. and Williamson, J. W. A Classification of Physician Performance in Internal Medicine (Abstract), 870

- See Richmond, J. B., 569

Saslow, G. See Weitman, M. et al., 278

Saunders, R. H., Jr. Use of a Special Examination Designed with Specific Reference to Curriculum Content, 935

Scali, H. A. See Adams, W. R. et al., 274

Schumacher, D. N. An Analysis of Student Clinical Activities (Abstract), 867

Schweisthal, M. R., Sheridan, M. N., and Feagans, W. M. A Method for Correlating the Laboratory Portion of Gross Anatomy for Medical and Dental Students (Communication), 1059

Sedlacek, W. E. The Attitudes of Residents Toward Their Complex Role in Medical Education (Abstract), 877

Procedures for Estimating the Reliability of Grading Systems (Abstract), 277

——. The Study of Applicants, 1965-66, 28 Seipp, C. Preliminary Report of a Study of the Office of Vice President for Health and Medical Affairs (July, Part 2), 197

Shannon, J. A. The Advancement of Medical Research: A Twenty-Year View of the Role of the National Institutes of Health, 97

Shatin, L. Study Skills in Medical Education: A Report and Analysis, 833

—. Study Skills in Medical Education: A Report and Analysis (Abstract), 259

—. and Opdyke, D. A Critical Thinking Appraisal and Its Correlates (Communication), 789

Sheridan, M. N. See Schweisthal, M. R. et al., 1059

Shnider, B. I. See Reidy, M. E. et al., 274 Shriver, B. M. See Arnhoff, F. N. et al., 855 Silver, R. J. See Golden, J. S. et al., 146

Simon, H. J. The Medical Student: What He Wants and Needs Versus What He Gets, 775

Singer, P. R. See Muslin, H. L. et al., 265

—. See Muslin, H. L. et al., 880

Sirotnik, K. See Hayden, J., Jr. et al., 447
Smythe, C. McC. Developing Medical Schools: An Interim Report, 991

—. A Multiple-Course Curriculum (Editorial), 368

Snyder, D. S. The Relationship of Students' Experiences Before and During Medical School to Their Conceptions of Professional Responsibility, 213

—. The Relationship of Students' Experiences Before and During Medical School to their Conceptions of Professional Responsibility (Abstract), 258

Solkoff, N., and Markowitz, J. Personality Characteristics of First-Year Medical and Law Students, 195

—. and Markowitz, J. Personality Characteristics of First-Year Medical and Law Students (Abstract), 256

Spiegel, A. D. Programmed Instructional Materials for Patient Education, 958 Spilman, E. L. Back-Up Facilities for Multidiscipline Laboratories (Communication), 172

Spradlin, W. W. Family Roles of the Elderly as a Focus in Teaching Comprehensive Medicine, 1045

Spruiell, V. See Lief, H. I. et al., 270

Steffen, C. G. See Levan, N. E. et al., 868
Sterling, H. M. See Palmer, J. D. K. et al., 1096

Stevens, L. E. See King, T. C. et al., 872Stevenson, L. G. The University and the Medical School (July, Part 2), 22

Stoddard, L. D. Pathology Case Teaching in Seminar Groups (Communication), 793

Stone, F. L. See Brown, J. H. U., 500

Stone, W. S. Report of the Committee on Medical Education for National Defense, 588

Strano, A. J. See Rodin, A. E., 886

Strassman, H. D., Nies, A., and McDonald, E. An Attitudinal Objective: Its Measurement Through the Use of Taxonomy II, 201

——, Nies, A., and McDonald, E. An Attitudinal Objective: Its Measurement Through the Use of Taxonomy II (Abstract), 256

---. See Riffenburgh, R. S., 1031

Strider, F. D. See Peterson, M. H. et al.,

Struening, E. L., Khanna, J. L., and May, W. T. Relationships Among Factors Underlying Opinions About Mental Illness, Alienation, and Selected Demographic Variables in a Medical Student Population (Abstract), 275

Stubblefield, R. L. See Korman M. et al., 876

Templeton, B. Hazards of Teaching Adult Medicine at the Bedside (Abstract), 278 Terlesky, J. See Hirt, M. et al., 1120

Thurnblad, R. G., and McCurdy, R. L. Human Behavior and the Student Physician, 158

Turner, T. B. The Medical Curriculum in Evolution, 926

—. The Medical Schools Twenty Years Afterwards: Impact of the Extramural Research Support Programs of the National Institutes of Health, 109

—. The Pressures of Professionalism and the University: The Medical School View (Panel Presentation) (July, Part 2), 115

Tuxill, T. G. See Parker, R. C., 327

VanMatre, R. M. See Arnhoff, F. N. et al.,

Villarreal, R. See Yankauer, A., 1015 Vincent, J. W. See Howell, M. A., 1037 Von Mering, O. See Earley, L. W., 263

Wagner, H. N., Jr. Videotape in the Teaching of Medical History-Taking (Communication), 1055

Walker, D. C. Continuing Medical Education (Letter to the Editor), 171

Wasserberger, R. C. See Meyer, T. C. et al., 274

Webster, T. G. Psychiatry and Behavioral Science Curriculum Time in U.S. Schools of Medicine and Osteopathy, 687

Wedgwood, R. J. See Bergman, A. B. et al.,

Weil, T. P., Holm, D. S., Jr., Parrish, H. M., and Boyle, J. B. Coordinating Health and Management Knowledge for the Training of Health Managers, 757

and Parrish, H. M. Development of a Coordinated Approach for the Training of Allied Health Personnel, 651

Weisman, R., Jr. See Adams, W. R. et al., 274

Weitman, M., Brown, C. S., and Saslow, G. A Comparison of Student and Faculty Beliefs About Their Medical School Environment (Abstract), 278

Weller, J. M., Greene, J. A., Jr., and Geis, G. L. Programmed Instructional Material for a Medical School Laboratory Course, 697

Werch, S. C. Obstacles to Effective Programs of Graduate Education in Community Hospitals, 1049

White, K. L. Medical Care Research and Health Services Systems, 729

Wilds, P. L., and Zachert, V. Case-Oriented Programmed Instruction in the Teaching of Clinical Problem-Solving (Abstract), 267

and Zachert, V. Evaluation of a Programmed Text in Six Medical Schools, 219
 and Zachert, V. Evaluation of a Programmed Text in Six Medical Schools (Abstract), 258

— and Zachert, V. Preparation of Objectives for Programmed Instruction in Undergraduate Clinical Teaching (Abstract), 268

Williams, J. S., and Fass, M. L. Innovative Program for Teaching Clinical Specialties (Abstract), 865

Williamson, J. W. See Sanazaro, P. J., 870 Wilson, O. M. The Pressures of Profession-

wilson, O. M. The Pressures of Professionalism and the University: The University View (Panel Presentation) (July, Part 2), 126

- Wismar, B. L. See Ackerman, G. A., 78
- Wolf, G. A., Jr. Preface to the Report of the Third Institute on Administration (1965) (July, Part 2), vii
- Committee on Constitution and Bylaws, 591
- Woods, B. T., Jacobson, M. D., and Netsky, M. G. Social Class and Academic Performance by Medical Students, 225
- —. Jacobson, M. D., and Netsky, M. G. Social Class and Academic Performance by Medical Students (Abstract), 259
- Yankauer, A., and Villarreal, R. The Community Health Service Area as a Pediatric Teaching Facility in Latin America, 1015
- Yordy, K. See Marston, R. Q., 17
- Young, R. H. Report of the Secretary, 558

- Zachert, V. See Wilds, P. L., 219
- See Wilds, P. L., 258
- See Wilds, P. L., 268
- Zimet, C. N. See Kritzer, H., 47
- Zimmerman, J. M., Ballinger, W. F., II, and Zuidema, G. D. Student Expectations and Attitudes Before and After the Initial Exposure to Surgical Teaching (Abstract), 878
- Zimny, G. H. Choice of Specialty and Attitudes Toward Medical Specialties of Senior Medical Students (Abstract), 878
- —. and Lair, C. V. Effects of Pediatric, Obstetric, and Psychiatric Clerkships upon Clinical Judgment in Psychiatry (Abstract), 263
- Zuidema, G. D. See Zimmerman, J. M. et al., 878

## **Subject Index**

Academic Medical Centers: See Universities

## Allan Gregg Lecture:

The advancement of medical research: a twenty-year view of the role of the National Institutes of Health, Shannon, 97

Allied Health Professions: See Health Manpower: Allied Health Personnel

### Anatomy:

Correlative medical and dental gross anatomy laboratory education (Communication), Schweisthal et al., 1059

Evaluation of animated serial sections as an instructional method for facilitating 3-dimensional awareness of anatomic regions, Hayden et al., 447

Examinations in microscopic anatomy, correlative approach with histology (Communications), Ackerman and Wismar, 78

### Association of American Medical Colleges:

Annual Awards (1967): Abraham Flexner Award to Stanley E. Dorst, Jacobson,985; Alan Gregg Memorial Lecturer—Colin M. MacLeod, Hubbard, 988

Annual Meeting, 1966: Abraham Flexner Award to James A. Shannon, 552; Alan Gregg Memorial Lecturer—James A. Shannon, 551; Borden Award to Oliver H. Lowry and Janet V. Passonneau, 553; Business meeting 555; Emeritus Members, 605; Foreign guests, 550; Presidential Address, 553; Provisional Institutional Members, 604; Program, 552, 553

Books and bulletins published during 1966, annotated bibliography of, 607

Bylaws of, 593

Committees of: (1965-1966), 511; (1966-1967), 615

Conference on preparation for the study of medicine, AAMC-University of Chicago (Communication), Littlemeyer and Page, 965

Continuation Medical Education: Annual Conference on, 529

Council of Academic Societies, establishment of, 599; Structure and goals of (Editorial), Cooper, 1125

Council of Teaching Hospitals: Annual Meeting of, 538; Executive Committee (1966-1967), 615

Discussion panels on medical education, 606

Discussions on relations with federal government, 603

Division of International Medical Education: Annual Conference, 549

Group on Student Affairs: Annual Meeting of, 530; Need to consider nonintellectual components of medical education (Chairman's address) (Communication), Caughey, 619

Institute (1966), International Medical Education, 521

Institutional Membership Meeting: February 5, 1966, 514; July 19-20, 1966, 524

Library Study Committee: Report to the National Library of Medicine, DuVal and Alpert (Eds.), Aug., Part 2. See Medical Schools: Libraries

Officers and staff of: (1965-1966), 510; (1966-1967), 613

Presidential Address, Turner (1966), 109; Hubbard (1967), 1071

Proposals for the support of medical education by the federal government, comment on (Editorial), Cooper, 7007

Proposals for the support of medical education by the federal government, 1967 (Communication), 710

Regional organization, 599

Reports: Committee on Constitution and Bylaws, 591; Committee on Federal Health Programs, 585; Committee on International Relations in Medical Education and the Division of International Medical Education, 576; Committee on Medical Education for National Defense, 588; Committee on Research in Education and the Division of Education, 569; Committee on Student Affairs, 590; Council of Teaching Hospitals, 584; Division of Business Affairs, 562; Division of Operational Studies, 566; Editor and Editorial Board, *The Journal of Medical Education*, 583; Executive Director, 555; Nominating Committee, 592; Secretary, 558; Treasurer, 559

Research in Medical Education: Fifth Annual Conference on: Foreword to the Proceedings of, Mawardi, 193; Program Committee, 254; Program, 254, 547; Editorial, Mawardi, 279. Sixth Annual Conference on: Announcement, 69, 281; Program, 863

## Bibliographies:

- Of AAMC books and bulletins published during 1966, 607
- On health sciences libraries (Aug., Part 2), 47
- On medical education, 85, 183, 284, 376, 473, 628, 720, 800, 894, 978, 1064, 1133 On medical education, 1966, June, Part 2

### Book Reviews:

Reviews, annotations, and titles, 88, 186, 379, 475, 630, 722, 802, 896, 980, 1066, 1135

### Communications:

- Computer-assisted course in medical etymology, Harless, 139
- Computer use in teaching diagnostic strategies (Abstract), Grisell et al., 275
- Educational television at the University of Kentucky Medical Center, concepts and operation, Romano and Bennett, 841
- Information center for health sciences, Miller, 404
- Uniform use of terms descriptive of the phases of medical education (Editorial), Cooper, 1054

### Comprehensive Medicine:

- Clinic program, medical auditing in, Beaumont et al., 359
- Community health service area as a facility for teaching, Yankauer and Villarreal, 1015
- Family planning, orientation and knowledge of Asian medical students, O'Connor and O'Connor, 949
- Family roles of the elderly as a focus in teaching, Spradlin, 1045

- Multidisciplinary home care workshop for medical faculty (Abstract), Lewis, 870
- Review of Areas, method of taking a comprehensive medical history (Letter to the Editor), Paltrow and Brophy, 72
- Social Medicine: As affected by medical care research and health services systems, White, 729; Description and evaluation of first-year course in human behavior and relations (Abstract), Knopp et al., 877; Teaching of, and training in the health-care services in Poland (Communication), Kozusznik, 81
- Training manpower in community psychiatry, importance of the inductive method (*Editorial*), Kern and Jacobson, 963
- Training medical students in design and conduct of cross-disciplinary research using patients with diffuse complaints (Abstract), Earley and Von Mering, 263

## Conferences and Seminars:

- Health Services Research Seminar, Announcement of, 69
- On preparation for the study of medicine (Communication), Littlemeyer and Page, 965
- On Research in Medical Education: Fifth Annual Conference, Proceedings of, 193-288; Program, 547. Sixth Annual Conference, Announcement, 69, 281

### Continuing Education:

- Advantages of implementing programs of, in medical schools (Letter to the Editor), Walker, 171
- Need for changes in approach to, Miller, 320
- Regional Medical Programs in relation to, Marston and Mayer, 119

### Curriculum:

- Biomathematics program in the medical, Cardus, 1116
- Discussion and evaluation of, in special preclinical seminar program (Abstract), Cramer, 872
- Effect on medical school budget of projected changes in (Letter to the Editor), Funkenstein, 783
- Evaluation of changes in, by means of individualized examinations designed by

the National Board of Medical Examiners, Saunders, 935

Evaluation of changes in, by means of the National Board of Medical Examiners' "Minitest," Levit, 930

Evolution, design, and implementation of new four-year, at the University of Vermont College of Medicine, Luginbuhl and Andrews, 826

Evolution in, as it affects evaluation for licensure, Turner, 926

Factors to consider in revising (Editorial), Bing, 883

For the training of allied health personnel, coordinated approach to, Weil and Parrish, 651

For the training of health managers, Weil et al., 757

Genetics program at the University of British Columbia (Communication), Miller, 371

Human sexuality, program of instruction in, Riffenburgh and Strassman, 1031

In French medical schools, Mensh, 1101
Innovation and evaluation in undergraduate surgical (Abstract), King et al., 872

Integration of social and behavioral sciences with basic sciences and clinical disciplines in first-year medical, Simon,

Molecular biology in relation to practical medicine (Editorial), Leake, 617

Multiple-course (Editorial), Smythe, 368Psychiatry and behavioral science, curriculum hours in U.S. schools of medicine and osteopathy, Webster, 687

Rehabilitation medicine programs in the undergraduate medical, Fenderson, 430 Revolution in the medical, forces and

trends, Jacobson, 1081 Sociopolitical sciences in the medical, Lepawsky, 905

## Datagrams:

Application activity and MCAT data of applicants to the class of 1966-67, 1062 Educational support needs of schools with

limited financial resources, 1131
Full-time faculty in 78 U.S. medical schools, 798

Medical school expenditures for facilities construction, 1948-1965, 282

Medical school expenditures for regular operating programs, 471

National Institutes of Health Training Grants, 1958-1967, 374 Planned expansion of medical school enrollment, 892

Results of the National Intern Matching Program for 1967, 626

Teaching responsibility of medical school faculty, 718

Undergraduate college in relation to medical school acceptance and success, 181

Undergraduate college in relation to medical school application and enrollment, 83

Utilization of part-time faculty in 78 medical schools, 976

### Evaluation:

Effect of grades and examinations on self-directed learning (Abstract), Johnson and Abrahamson, 869

Examinations: Analysis of comprehensive oral, at Harvard Medical School, Colton and Peterson, 1005; Analysis of oral, system at Harvard Medical School (Abstract), Colton and Peterson, 865; Design of, to assess factual knowledge and progressive improvement with training (Communication), Campbell, 974; Microscopic anatomy, a correlative approach to (Communication), Ackerman and Wismar, 78; Pretesting and repeat testing as tools in teaching (Abstract), Haley, 266; Oral, reactions of students in, Green et al., 345, (Abstract), 272; Role playing as an evaluative technique in a certifying (Abstract), Levine and McGuire, 264; Visual versus verbal cues in dermatology (Abstract), Levan et al., 868

Factor-analytic study of medical course grades (Abstract), Haley and Lerner, 273

For licensure as affected by evolution in the curriculum, Turner, 926

Grading systems, procedures for estimating the reliability of (Abstract), Sedlacek, 277

Method for evaluating faculty attitudes toward patient versus disease orientation in medical education and practice, Rossi and Neuman, 849

Multidimensional rating profile as an instrument for evaluating student performance, Geertsma and Chapman, 938

Nonintellectual factors in medical student, Gough, 642

Of attitudinal objectives through use of Taxonomy II, Strassman et al., 201, (Abstract), 256

Of critical thinking test applied to firstyear medical students (Communication), Shatin and Opdyke, 789

- Of curriculum change by means of individualized examination designed by the National Board of Medical Examiners, Saunders, 935
- Of curriculum change by means of National Board of Medical Examiners' "Minitest," Levit, 930
- Of MCAT Science subtest scores of repeaters, Morris, 918
- Of medical and graduate students' attitudes toward emotional illness and psychiatric practice, Kausch, 207, (Abstract), 257
- Of participation and attitudes of teachers attending workshop on multidisciplinary home care (Abstract), Lewis, 870
- Of patient care through medical auditing in a comprehensive clinic program, Beaumont et al., 359
- Of posttraining performance criteria of physicians in relation to MCAT scores, Howell and Vincent, 1037
- Of programmed text in 6 medical schools, Wilds and Zachert, 219, (Abstract), 258
- Of student performance, analysis of a system for (Abstract), Lazaro and Malfitan, 270
- Of student performance in the medical interview, Barbee et al., 238, (Abstract), 261
- Of study habits and skills, Shatin, 833, (Abstract), 259
- Semantic differential as technique for, of changes in medical students' attitudes toward specific disciplines, Hirt et al., 1120
- Validity and reliability of role playing as a technique for (Abstract), Levine and Noak, 882

## Federal Government:

- AAMC proposals for federal support of medical education, comment on (Editorial), Cooper, 707
- AAMC proposals for federal support of medical education, 1967 (Communication), 710
- Medical Legislation: Heart Disease, Cancer and Stroke Amendments, start of regional medical programs, Marston and Yordy, 17; Medicare and other legislation, impact on U.S. teaching hospitals, Bonnet, 385; Medicare, impact on clinical education (Editorial), Bond, 460; Medicare, impact on residents, physicians, and universities, Child, 392; Need of medical school administrators

for specialized help in implementing plans and programs in accordance with current requirements of, Hershey, 134

- National Advisory Committee on Radiation, Report to the Surgeon General on radiological sciences (Communication), 784
- National Institutes of Health: Basic medical sciences graduate training programs, Brown and Stone, 500; National Institute of Mental Health grant program in human behavior, five-year review, Thurnblad and McCurdy, 158; Role of, in medical research, Shannon, 97; Subsequent career activities of National Institute of Mental Health trainees, Arnhoff et al., 855; Support for extramural research, impact on medical schools, Turner, 109; Support for medical research, attitude of Congress toward (Editorial), Cooper, 170; Training grants, 1958-1967 (Datagram), 374
- Regional Medical Programs: Background and development during first year, Marston and Yordy, 17; Continuing education in relationship to, Marston and Mayer, 119

## Genetics:

- Cytogenetics, method for presenting to second-year medical students (Communication), McConnell and Anderson, 1127
- Program of, for undergraduate medical students at the University of British Columbia (Communication), Miller, 371
- Use of a programmed text during a course in, Hawkridge and Mitchell, 163

### Health Services: See Medical Care

## Health Manpower:

- Allied Health Personnel: Coordinated approach for the training of, Weil and Parrish, 651; In pediatric practice, suggested use of, Bergman et al., 249, (Abstract), 262; Role of the medical center in the education of, Mase, 489
- Development of new medical schools to provide increased, Smythe, 991
- For future health services (Communication), Millis, 73
- Health managers, coordinating health and management knowledge for the training of, Weil et al., 757

- In the radiological sciences, report by the National Advisory Committee on Radiation to the Surgeon General (Communication), 784
- In the radiological sciences, shortage of (Editorial), Miller, 781
- In rural areas, as affected by physician attitudes toward small-community practice, Parker and Tuxill, 327
- In the basic medical sciences, Brown and Stone, 500
- Minority groups in relation to, Hutchins et al., 809
- Negro physicians, history of the education of, Johnson, 439
- Nonindigenous medical faculty in the Congo, use of, Bowers, 494
- Planned expansion in medical school enrollment (Datagram), 892
- Problems in international health, Merrill, 765
- Shortage of, analysis of possible solutions, Gerber, 306

## History:

- Academic backgrounds of Nobel laureates in medicine and physiology (Letter to the Editor), Sampey, 1126
- Of medical education in the Sudan, Haseeb, 666
- Of medicine, case-oriented approach to (Communication), Rodin and Strano, 886
- Of reforms in French medical education, Mensh, 1101
- Of the education of Negro physicians, Johnson, 439
- Of the health professions, educational value of discussions on (Editorial), Leake, 706
- Of the National Institutes of Health extramural research support grant programs, impact on medical schools, Turner, 109
- Of the National Institutes of Health's role in the advancement of medical research, Shannon, 97

### Hospitals:

- Community hospital affiliation program of New York Medical College, organization and experiences with, Bowers and O'Connor, 153
- Coordinating health and management training for administrators of, Weil et al., 757

- Costs and benefits of medical education and research in (Abstract), Kieferle and Fish, 881
- Directors of medical education in, Blayney, 660
- Effect on, of the public's expectations of health-care programs (Communication), Cruikshank, 713
- Financial support of graduate medical education programs in (Abstract), Hepner, 271
- Graduate education in community, obstacles to effective programs, Werch, 1049
- Medicare and other federal health legislation, impact on, Bonnet, 385
- National Intern Matching Program, 1967 (Datagram), 626
- Outpatient services, analysis of ambulatory care system (Abstract), Cassell et al., 866
- Pediatric emergency room, estimating the quality of care in, Helfer, 244, (Abstract), 261
- Physician attitudes toward a medical education program in (Abstract), Butler, 272
- Use of a labor union group to obtain patients for educational program in, Gee, 54

## Interdisciplinary Relations:

- Anthropological material in a course on human sexuality, Riffenburgh and Strassman, 1031
- Biomathematics program in a medical school, objectives and problems in establishing, Cardus, 1116
- Correlating medical and dental laboratory work in gross anatomy (Communication), Schweisthal, 1059
- Medical science and political science, Lepawsky, 905
- Research-training for graduate medical students in physical medicine and rehabilitation, joint program with undergraduate engineering students, Palmer et al., 1096

## Interns, Internship:

- National Intern Matching Program for 1967, results of (Datagram), 626
- Obstacles to effective programs in community hospitals, Werch, 1049

### Laboratory Education:

Back-up facilities for multidiscipline (Communication), Spilman, 172

Correlating medical and dental gross anatomy (Communication), Schweisthal et al., 1059

Multidisciplinary laboratory, establishment and organization of, Baum and Koushanpour, 752

Programmed instructional material on examination of urine for use in clinical laboratory diagnosis course, Weller et al., 697

Libraries: See Medical Schools

### Medical Care:

Ambulatory services, analysis of existing system (Abstract), Cassell et al., 866

Changing environment of, as it affects medical education (Communication), Egeberg, 971

Educating patients by means of programmed instruction, Spiegel, 958

Factors influencing referral to laboratory facilities for routine lung function evaluation (Abstract), Cohen, 879

Health Care System: Medical care research in relation to, White, 729; Role of medical schools in planning, Ebert, 481; The public's expectations of (Communication), Cruikshank, 713; Scope and responsibilities of medical education in relation to, Hubbard, 1071

Health Services: Coordinating health and management training for administrators of, Weil et al., 757; Manpower for, in the future (Communication), Millis, 73; Need for innovation and reciprocity in domestic and overseas, Mead, 822; Training for the management of, in Poland (Communication), Kozusznik, 81

Quality of patient care in a pediatric emergency room, Helfer, 244, (Abstract), 261

## Medical College Admission Test:

And application activity data of applicants to the class of 1966-67 (Datagram), 1062

Interpreting the MCAT Science subtest scores of repeaters, Morris, 918

Medical school and career performances of students with low scores on, Bartlett, 231, (Abstract), 260

Performance on, in relation to social class, average grade in college, and academic achievement, Fredericks and Mundy, 126 Scores on, as related to posttraining criteria of performance, Howell and Vincent, 1037

Study of applicants, 1965-66, Sedlacek, 28

### Medical Education:

Cost of providing, perspective on (Editorial), Cooper, 70

Cost of providing, report and analysis, Carroll and Darley, 1

Effect of the changing health care environment on (Communication), Egeberg, 971

Environment and quality of, with relation to size of school, Hubbard and Howard, 633

Factors to consider in curriculum change (Editorial), Bing, 883

Human element in (Editorial), Mawardi, 279

Minority groups in, Hutchins et al., 809 Multiple-course curriculum for (Editorial), Smythe, 368

Negroes in, Johnson, 439

Nonintellectual components of (Communication), Caughey, 619

Preclinical seminars for student discussion of, and their application to curriculum evaluation (Abstract), Cramer, 872

Professionalism directed toward health of the people as new objective of, in the university, Hubbard (July, Part 2), 113

Rehabilitation medicine programs in undergraduate, Fenderson, 430

Responsibility to train "primary" physicians (Editorial), Perera, 370

Revolution in the medical curriculum, forces and trends, Jacobson, 1081 Social and behavioral science, integration

with basic science and clinical disciplines for first-year students, Simon, 775

Scope and responsibility of, in relation to the contemporary health care system, Hubbard, 1071

Uniform use of terms descriptive of the phases of (Editorial), Cooper, 1054

### Medical Education Abroad:

Africa: Congo: Nonindigenous faculty, factors in the use of, Bowers, 494; Rhodesia: Programmed text, use of during a course in genetics, Hawkridge and Mitchell, 163; Sudan: History and development of medical education in, Haseeb, 666

Asia: Knowledge of and attitudes toward family planning among medical students in, O'Connor and O'Connor, 949; China: Medicine and medical education in (Communication), Christie, 463; Teaching and research in the basic medical sciences (Communication), Collier, 467

Australia: New teaching film on medical psychology (Letter to the Editor), Court and Mai, 708

Canada: Choice of medicine as a career among students at the University of British Columbia, Riches, 350; Costs and benefits of medical education in teaching hospitals (Abstract), Kieferle and Fish, 881; Genetics program for undergraduate medical students at the University of British Columbia (Commication), Miller, 371

Europe: France: Changing patterns of medical education in, Mensh, 1101; Germany: Motivations and fate of rejected applicants to German medical schools (Abstract), Pflanz, 876; Poland: Teaching of social medicine and training in the health-care services in (Communication), Kozusznik, 81

Latin America: Community health service area as a pediatric teaching facility in, Yankauer and Villarreal, 1015

### Medical Education-Clinical Education:

Adult medicine, hazards of teaching at bedside (Abstract), Templeton, 278

Analysis and time distribution of student activities during a clinical clerkship (Abstract), Schumacher, 867

Case-oriented programmed instruction in teaching of clinical problem-solving (Abstract), Wilds and Zachert, 267

Chart auditing by students in comprehensive clinic program, Beaumont et al., 359

Doctor-patient relationship course for first-year students, Pollack and Manning, 770

Evaluating patterns of surgical clerkships (Abstract), McCarthy and King, 874

General clerkship, experiment in interdepartmental teaching (Abstract), Morgan and Luria, 267

Gynecologic encology, evaluation of a programmed text in, Wilds and Zachert, 219, (Abstract), 258

Innovative clerkship program for teaching the clinical specialties (Abstract), Williams and Fass, 865

Medical History-Taking: Quantitative evaluation of student performance in Barbee et al., 238, (Abstract), 261; Use of Review of Areas in (Letter to the Editor), Paltrow and Brophy, 72; Use of videotape in teaching (Communication), Wagner, 1055

Observing clinical performance by means of videotape (Abstract), Helfer and

Levin, 867

Outline for improvement of, Elrick, 453 Pediatric clerkship, evaluation of role of the lecture in, (Abstract), Helwig, 272

Programmed instruction, preparation of objectives for, in undergraduate (Abstract), Wilds and Zachert, 268

Relationship of clinical training and academic achievement to performance in the medical interview (Abstract), Barbee and Feldman, 880

Students' views on their psychiatric clerkship (Abstract), Gaitonde and Geertsma, 875

Surgery programs in 4 schools, exploratory study of, Sanazaro and King, 289 Use of self-teaching films in (Communication), North, 177

## Medical Education-International Perspective:

Manpower problems in international health, Merrill, 765

Need for innovation and reciprocity in domestic and overseas health services, Mead, 822

## Medical Education -- Postgraduate Education:

Financial support of hospital programs for (Abstract), Hepner, 271

Impact of medicare on (Editorial), Bond, 460

National Institute of Mental Health grant program in human behavior, five-year review of, Thurnblad and McCurdy, 158

Research-training for graduate medical students in physical medicine and rehabilitation, joint program with undergraduate engineering students, Palmer et al., 1096

Use of a labor union group to obtain patients for teaching programs, Gee, 54

## Medical Faculty:

Attitudes toward applicants and students with emotional problems, Levitt and Rubenstein, 742

- Attitudes toward patient versus disease orientation in medical education and practice, Rossi and Neuman, 849
- Characteristics of scientists in academic research settings versus those in industry (Abstract), de Hesse and Fish, 881
- Full-time, in 78 U.S. medical schools (Datagram), 798
- Part-time, in 78 medical schools (Data-gram), 976
- Participation in the AAMC, structure and goals of the Council of Academic Societies (Editorial), Cooper, 1125
- Teaching responsibility of (Datagram), 718
- Medical Legislation: See Federal Government
- Medical Manpower: See Health Manpower

## Medical Practice:

- See also Physicians
- Performance analysis in pediatric, Bergman et al., 249, (Abstract), 262
- Sexual problems in, Burnap and Golden, 673
- Sociopolitical sciences in relation to medicine, Lepawsky, 905

### Medical Schools:

- Administrators' need for specialized help in implementing plans and programs in accordance with current requirements of medical legislation, Hershey, 134
- Admissions: Data on Negro and women applicants, Hutchins et al., 809; Determining relative contribution of performance predictors with the aid of a discriminant function index (Abstract), Best et al., 276; Interpreting the MCAT Science subtest scores of repeaters, Morris, 918; Motivations and fate of rejected applicants to German medical schools (Abstract), Pflanz, 876; Personality factors influencing achievement, use of in selection, Beiser, 1087; Study of applicants, 1965-66, data, comparisons, and projections, Sedlacek, 28; Undergraduate college in relation to acceptance and success (Datagram), 181; Undergraduate college in relation to application and enrollment (Datagram), 83

- Affiliation program with community hospitals, factors in the organization and operation of, Bowers and O'Connor, 153
- As location for continuing education programs (Letter to the Editor), Walker, 171
- As part of universities, Eisenhower (July, Part 2), 11
- Biomathematics program in, objectives and problems in establishing, Cardus, 1116
- Changes in curricula, scheduling, and evaluation procedures as affecting emotional climate for learning (Abstract), Cotsonas and Fisher, 276
- Characteristics of individual (Abstract), Richards et al., 273
- Developing, background and experiences of 16 schools, Smythe, 991
- Educational environment in relation to size of school, Hubbard and Howard, 633
- Environment, comparison of student and faculty beliefs about (Abstract), Weitman and Brown, 278
- Expansion of, as means of dealing with health manpower shortage, Gerber, 306
- Facilities: Expenditures for construction of, 1948-1965 (Datagram), 282; Health sciences information center, Miller, 404; Multidiscipline laboratories, back-up facilities for (Communication), Spilman, 172; Multidisciplinary laboratory, establishment and organization of, Baum and Koushanpour, 752; Studentoriented learning center, Geertsma, 681
- Finances: Effect of projected curriculum changes on (Letter to the Editor), Funkenstein, 783; Expenditures for facilities construction, 1948-1965 (Datagram), 282; Expenditures for regular operating programs (Datagram), 471; National Institutes of Health training grants, 1958-1967 (Datagram), 374; Program costs, financial planning and reporting, Carroll and Darley, 1; Program costs, perspective on (Editorial), Cooper, 70; Support needs of schools with limited financial resources (Datagram), 1131
- Full-time faculty in 78 U.S. (Datagram), 798
- Impact of National Institutes of Health extramural research support programs on, Turner, 109
- Implications for, of inevitables in the future of the national medical establishment and the university, Darley (July, Part 2), 164
- Libraries: Role of the health sciences library in education for the health pro-

fessions, Report of the AAMC Library Study Committee, DuVal and Alpert (Eds.) (Aug., Part 2): Advisory Committee, iv; Preface, Cummings, v; Foreword, 1; Library as an educational instrument, 3; Situational and policy considerations in planning, 9; Space considerations in planning, 25; Recommendations, 35; Structural and physical data, 41; Annotated bibliography, 47; Persons interviewed, 59; Institutions visited, 63

Part-time faculty in 78 (Datagram), 976 Planned expansion of enrollment in (Datagram), 892

Relationships with universities, analysis of 1965 Administrative Institute discussions, Nourse (July, Part 2), 134

Relationships with universities, new values and validities, Report of the Third Institute on Administration (1965), Knight and Nourse (Eds.), July, Part 2. See Universities

Respective responsibilities of university biology departments and medical school basic science departments in professional development of the student, Cooper (July, Part 2), 112

Responsibilities of universities in historical relation to, Knight (July, Part 2),

Responsibility to improve clinical education, Elrick, 453

Role of, in planning the health-care system, Ebert, 481

## Medical Schools by Name:

Africa: Rhodesia, 163; Sudan: Khartoum, 666

Asia: China: China Medical College, 463, 467; Chinese Academy of Medical Sciences, 463

Canada: British Columbia, 350, 371; Mc-Gill, 463

Europe: France: Paris, 1101; Lyon, 1101; Poland: Warsaw (Institute of Postgraduate Medical Education), 81

U.S.A.: California College of Medicine, 1031; California (L.A.), 971; California (S.F.), 642; Chicago, 965; Colorado, 47, 244, 1111; Columbia, 62; Duke, 1045; Florida, 489; Georgia, 219, 258; Medical College of Georgia, 267, 793; Harvard, 865, 1005; Illinois, 264, 276, 1087; Johns Hopkins, 1055; Kansas, 681, 870, 938; Kentucky, 272, 273, 841; Loma Linda, 447; Maryland, 868; Michigan, 697, 974; Minnesota, 359; Missouri, 757; New Mexico, 1127; New Jersey, 789; New York Medical

College, 153, 875; Northwestern, 272, 752; Ohio State, 78; Oklahoma, 139; Oregon, 278; Rochester, 177, 231, 260, 267; Southern California, 770, 869; SUNY (Buffalo), (July, Part 2), 205; Texas (Galveston), 886; Tufts, 1096; Vermont, 826; Virginia, 225; Medical College of Virginia, 1059; Washington (Seattle), 249; Wisconsin, 238, 880; Western Reserve, 619

## Medical Students:

Adjustment to college environment (Abstract), Gottheil et al., 269

Attitudes: And behavior exhibited in the doctor-patient relationship (Abstract), Davis, 866; Determination of changes in, brought about by courses in specific disciplines, Hirt et al., 1120; Toward cancer (Abstract), Haley et al., 878; Toward emotional illness and psychiatric practice, Kausch, 207, (Abstract), 257; Toward emotions of patients, measurement through use of Taxonomy II, Strassman et al., 201, (Abstract), 256; Toward first-year course in human behavior (Abstract), Knopp et al., 877; Toward medical specialties in relation to specialty choice (Abstract), Zimny, 878; Toward mental illness in relation to alienation and selected demographic variables (Abstract), Struening et al., 275; Toward pathology in relation to sociocultural characteristics (Abstract). Rodin et al., 869

Changes in choice of medicine as a career among premedical, Riches, 350

Changes in, during medical education (Abstract), Lerner and Haley, 272

Characteristics: Of students choosing individual specialties, early preferences in comparison with final choice, Kritzer and Zimet, 47; Personality and social, compared with those of normative, non-medical group, Golden and Marchionne, 146; Personality, compared with those of law students, Solkoff and Markowitz, 195, (Abstract), 256; Personality profile of (Abstract), Lief et al., 270; Personality types in relation to medical school achievement, Beiser, 1087

Conceptions of professional responsibility as affected by experiences before and during medical school, Snyder, 213, (Abstract), 258

Effect of nonintellectual components of medical education on (Communication), Caughey, 619

Evaluation of (Abstract), Lazaro and Malfitan, 270

Expectations and attitudes before and

after initial exposure to surgical teaching (Abstract), Zimmerman et al., 878

Expectations in contrast to medical school training, Simon, 775

Knowledge of and attitudes toward family planning among Asian, O'Connor and O'Connor, 949

Knowledge of and attitudes toward sexuality, Riffenburgh and Strassman, 1031

Mathematical and statistical background of (Abstract), Carol, 875

Participation in planning of a studentoriented learning center, Geertsma, 681 Patterns of success in medical school (Ab-

stract), Korman et al., 876

Performance: Academic, in relation to social class (Abstract), Woods et al., 259; Assessing fourth-year, by means of comprehensive oral examination, Colton and Peterson, 1005; Correlates of patterns of (Abstract), Motto, 265; GPA predictions from application biographies (Abstract), Holmes and Hertel, 269; In the medical interview as related to clinical training and academic achievement (Abstract), Barbee and Feldman, 880; In medical school and in career of students with low Medical College Admission Test scores, Bartlett, 231, (Abstract), 260; Multidimensional rating profile as an instrument for evaluating, Geertsma and Chapman, 938; Of small groups in anatomy (Abstract), Graves and Ingersoll, 277; On critical thinking test, evaluation of (Communication), Shatin and Opdyke, 789; In medical interview, quantitative evaluation of, Barbee et al., 238, (Abstract), 261; Retention of a programmed instruction course in immunohematology, Gildenberg, 62

Reactions during oral examinations, Green et al., 345, (Abstract), 272

Selection: Application activity and MCAT data of applicants to the class of 1966-67 (Datagram), 1062; Interpreting the MCAT Science subtest scores of repeaters, Morris, 918; Nonintellectual factors in, Gough, 642; Study of applicants, 1965-66, data, comparisons, and projections, Sedlacek, 28; Undergraduate college in relation to medical school acceptance and success (Datagram), 181; Undergraduate college in relation to medical school application and enrollment (Datagram), 83

Social Class: In relation to stress-anxiety responses, academic achievement, and the internalization of professional attitudes, Fredericks and Mundy, 1023; Relationship to academic performance, Woods et al., 225, (Abstract), 259; Re-

lationship to average grade in college, Medical College Admission Test scores, and academic achievement, Fredericks and Mundy, 126

Study habits and skills of, Shatin, 833, (Abstract), 259

Study skills, analysis of, in relation to attitudes and medical school achievement (Abstract), Reidy et al., 274

Teaching the doctor-patient relationship to first-year, Pollack and Manning, 770

View of the psychiatric clerkship (Abstract), Gaitonde and Geertsma, 875

With emotional problems, faculty attitudes toward, Levitt and Rubenstein, 742

Women and Negroes as, selection of and performance, Hutchins et al., 809

Medicare: See Federal Government: Medical Legislation

## National Board of Medical Examiners:

Curriculum changes as they affect the role of, Turner, 926

Design of individualized examinations for evaluation of curriculum change, Saunders, 935

"Minitest" as a means of evaluating curriculum change, Levit, 930

National Institutes of Health: See Federal Government

### National Library of Medicine:

AAMC Library Study Committee report on the health sciences library to, DuVal and Alpert (Eds.), Aug., Part 2. See Medical Schools: Libraries

Bibliography on medical education for 1966, June, Part 2

### Pathology:

Case teaching in seminar groups (Communication), Stoddard, 793

### Pediatrics:

Community health service area as a facility for teaching comprehensive, Yankauer and Villarreal, 1015

Patient care in emergency room, quality of, Helfer, 244, (Abstract), 261

Practice, performance analysis in, Bergman et al., 249, (Abstract), 262

## Physicians:

See also Medical Practice

Attitudes of, toward small-community practice, Parker and Tuxill, 327

Attitudinal and behavioral aspects of the doctor-patient relationship (Abstract), Davis, 866

Background and professional education of (Abstract), Ford et al., 872

Characteristics of, influencing utilization of laboratory facilities for lung function evaluation (Abstract), Cohen, 879

Classification of performance in internal medicine (Abstract), Sanazaro and Williamson, 870

Continuing education of, through processoriented self-education, Miller, 320

Definition of the primary (Editorial), Perera, 370

Impact of medicare on, Child, 392

Negro, history of the education of, Johnson, 439

Posttraining performance criteria in relation to MCAT scores, Howell and Vincent, 1037

Students' conception of professional responsibility of, as affected by experiences before and during medical school, Snyder, 213, (Abstract), 258

### Political Science:

Medical science and, Lepawsky, 905

## Premedical Education:

Conference on preparation for the study of medicine, report on (Communication), Littlemeyer and Page, 965

Undergraduate college in relation to medical school acceptance and success (Datagram), 181

Undergraduate college in relation to medical school application and enrollment (Datagram), 83

### Psychiatry:

See also Social and Behavioral Sciences

Attitudes of medical and graduate students toward the practice of, Kausch, 207, (Abstract), 257

And behavioral science curriculum time in U.S. schools of medicine and osteopathy, Webster, 687

Effects of pediatric, obstetric, and psychiatric clerkships upon clinical judg-

ment in (Abstract), Zimny and Lair, 263

Emergency services, training for, Kritzer and Langsley, 1111

Human behavior grant program of the National Institute of Mental Health, five-year review of, Thurnblad and McCurdy, 158

Research on learning of psychiatric interviewing (Abstract), Muslin et al.,

Subsequent career activities of National Institute of Mental Health trainees, Arnhoff et al., 855

Teaching and learning of skills in (Abstract), Muslin et al., 265

Teaching film on medical psychology (Letter to the Editor), Court and Mai, 708

Training in community, importance of the inductive method (*Editorial*), Kern and Jacobson, 963

Understanding family roles of the elderly, Spradlin, 1045

## Radiology:

Programs in, with reference to the report of the National Advisory Committee on Radiation (Editorial), Miller, 781

Report by the National Advisory Committee on Radiation to the Surgeon General (Communication), 784

Regional Medical Programs: See Federal Government

### Rehabilitation Medicine:

Research-training for graduate medical students in, joint program with undergraduate engineering students, Palmer et al., 1096

Teaching of, in American medical colleges, Fenderson, 430

### Research:

Advancement of medical, role of the National Institutes of Health, Shannon, 97

Characteristics of research scientists in academic versus industrial settings (Abstract), de Hesse and Fish, 881

Cross-disciplinary, use of patients with diffuse complaints for training medical students in the conduct of (Abstract), Earley and Von Mering, 263

Factor-analytic approach to attitude scale construction (Abstract), Haley et al., 878

Human element in medical (Editorial), Mawardi, 279

Impact on the university of postwar expansion of, Coggeshall (July, Part 2), 62

In medical care as related to health services systems, White, 729

In the basic medical sciences in China (Communication), Collier, 467

National Institutes of Health's support of extramural, impact on medical schools, Turner, 109

## Residents, Residency:

Attitudes of, toward their role in medical education (Abstract), Sedlacek, 877

Changes in knowledge and attitudes as a result of community psychiatry program (Abstract), Kolmer and Kern, 865

Impact of medicare on, Child, 392

Psychiatry, training for emergency services, Kritzer and Langsley, 1111

Specialty choice of, in relation to demographic data and early specialty preferences, Kritzer and Zimet, 47

Obstacles to effective programs in community hospitals, Werch, 1049

## Social and Behavioral Sciences:

See also Psychiatry

And psychiatry curriculum time in U.S. schools of medicine and osteopathy, Webster, 687

Innovative course in human behavior and human relations for first-year medical students (Abstract), Knopp et al., 877

Integration of, with basic sciences and clinical disciplines in first-year curriculum, Simon, 775

National Institute of Mental Health grant program in human behavior for schools of medicine and osteopathy, five-year review, Thurnblad and McCurdy, 158

### Specialization:

Choice of, in relation to demographic data and early preferences, Kritzer and Zimet, 47

Relationship between attitudes toward specialties and specialty choice (Abstract), Zimny, 878

### Studies:

Of curriculum time for psychiatry and behavioral science in U.S. schools of medicine and osteopathy, Webster, 687 Of directors of medical education, Blay-

ney, 660

Of manpower in the basic medical sciences, Brown and Stone, 500

Of medical college costs, Carroll and Darley, 1

Of medical school applicants, 1965-66, Sedlacek, 28

Of medical students' academic achievement in relation to social class, average grade in college, and Medical College Admission Test scores, Fredericks and Mundy, 126

Of personality and social characteristics of medical students in comparison with a normative, nonmedical group, Golden et al., 146

et at., 140

Of physician attitudes toward smallcommunity practice, Parker and Tuxill, 327

Of sexual problems in medical practice, physicians' attitudes toward and competence in handling, Burnap and Golden, 673

Of social class in relation to stress-anxiety responses, academic achievement, and the internalization of professional attitudes, Fredericks and Mundy, 1023

Of subsequent career activities of National Institute of Mental Health trainees, Arnhoff et al., 855

Of undergraduate programs in surgery, Sanazaro and King, 289

Of women and Negroes in medical education, Hutchins et al., 809

## Surgery:

Evaluating patterns of clerkships in (Abstract), McCarthy and King, 874

Innovation and evaluation in undergraduate curriculum (Abstract), King et al., 872

Student expectations and attitudes before and after initial instruction in (Abstract), Zimmerman et al., 878

Undergraduate programs in, exploratory study of, Sanazaro and King, 289

### Teaching and Learning:

Clinicians' participation in a study of (Abstract), Adams et al., 274

Composition of small groups for optimal (Abstract), Fleisher, 882

Educational value of discussions on history of the health professions (Editorial), Leake, 706

Effect of group leader on small-group instruction (Abstract), Derbyshire and Barrett, 868

In a student-oriented learning center, Gertsma, 681

Self-directed learning as related to grades and examinations (Abstract), Johnson and Abrahamson, 869

Study habits and skills, an analysis of, Shatin, 833 (Abstract), 259

## Teaching Hospitals: See Hospitals

## Teaching Methods:

Analysis of programmed textbook, lecture-demonstration, textbook, and lecture-workshop (Abstract), Manning et al., 871

Audiovisual Materials: Animated serial sections for facilitating 3-dimensional awareness of anatomical regions, evaluation of, Hayden et al., 447; Color prints in microscopic anatomy examination (Communication), Ackerman and Wismar, 78; Educational television at the University of Kentucky Medical Center, Romano and Bennett, 841; Selfteaching films, use of in learning clinical skills (Communication), North, 177; Teaching film on medical psychology (Letter to the Editor), Court and Mai, 708; Use of, in obstetricsgynecology tutorial course (Abstract [title only]), Chez and Hutchinson, 876; Use of videotape in teaching clinical pediatrics (Abstract), Helfer and Levin, 867; Videotape as an aid in teaching medical history-taking (Communication), Wagner, 1055

Case-oriented method of teaching medical history (Communication), Rodin and Strano, 886

Computer use in teaching psychiatric diagnostic strategies (Abstract), Grisell et al., 275

For presenting cytogenetics to secondyear medical students (Communication), McConnell and Anderson, 1127

Programmed Instruction: Effectiveness of, in biochemistry laboratory program (Abstract), Garcia et al., 277; Evaluation of a programmed text in 6 medical schools, Wilds and Zachert, 219, (Abstract), 258; For educating patients, Spiegel, 958; Material for a laboratory course, Weller et al., 697; Student retention of a course in im-

munohematology, Gildenberg, 62; Use of, during a course in genetics, Hawkridge and Mitchell, 163; Use of, in teaching defense mechanisms (Abstract), Peterson et al., 874

Seminar groups for pathology case teaching (Communication), Stoddard, 793

Small-group instruction as a means for teaching patient-physician interaction (Abstract), Derbyshire and Barrett, 888

Student-centered teaching groups (Abstract), Coppola and Gonnella, 873

Telephone conference as a method of postgraduate education (Abstract), Meyer, 874

Telephone conference in electrocardiography (Abstract), Meyer et al., 274

Use of chart audit as aid in teaching comprehensive medicine, Beaumont et al., 359

Vocal programming as technique for simplifying use of computer in medical teaching, Harless, 139

## Universities:

Academic Medical Centers: Developing, background and experiences of, Smythe, 991; Proposals for the support of, by the federal government, 1967 (Communication), 710; Responsibilities of, to the contemporary health care system, Hubbard, 1071; Role of, in educating health-related personnel, Mase, 489

Changes in choice of medicine as a career among premedical students at the University of British Columbia, Riches, 350

Congress, the National Institutes of Health, and (Editorial), Cooper, 170

Degrees conferred by, to Nobel laureates in medicine and physiology (Letter to the Editor), Sampey, 1126

Health sciences information center in, design for, Miller, 404

Impact of medicare on, Child, 392

Relationship with medical schools, new values and new validities, Report of the Third Institute on Administration (1965), Knight and Nourse (Eds.) (July, Part 2): Organizational roster, v; Preface, Wolf, vii; The university in American society, Knight, 3; Medical schools as a part of universities, Eisenhower, 11; University-medical school historical relationships, Stevenson, 22; Current issues in medical school-university relationships, Handler, 37; Facts, problems, and principles of medical school-university relations, Heard, 49; Influence of educational programs on medical school-university relational programs on medical school-university

versity relations, 53; Impact of postwar expansion in research on the university, Coggeshall, 62; Influence of research on medical center-university relations, 69; Role of service in university tradition, MacLeod, 78; Medical faculty service functions in the university, 85; Interdepartmental academic research center in a university without a medical center, Rosenblith, 98; Medical school view of pressures of professionalism, Cooper, 112—Hubbard, 113—Turner, 115—Knight, 116; University view of pressures of professionalism, Millis, 123—Wilson, 126; Analysis of

Institute discussions, Nourse, 134; University president's perspective of current dilemmas, Millis, 157; Future of national medical establishment and university, Darley, 164; Organization of the Institute, 175; Roster of participants, 178; Selections from the Coggeshall Report, Coggeshall, 187; Study of the office of vice-president for health and medical affairs, Seipp, 197; Restructuring of health services center at State University of New York at Buffalo, Furnas, 205

Research and service role of, Turner (July, Part 2), 115

